

ABSTRACT

Apparatus, systems, and methods are provided for measuring the power of acoustic energy transmitted by an ultrasound transducer. The apparatus includes a container including a liquid therein, and a buoyant body floating at a first level in the liquid. When acoustic energy is transmitted by the ultrasound transducer towards the buoyant body, the buoyant body floats at a second, different level in the liquid. The displaced volume of the buoyant body from the first level to the second level is directly related to the power of the acoustic energy transmitted by the ultrasound transducer. The apparatus may output signals corresponding to the level at which the buoyant body floats. The signal may be routed to a controller for adjusting the power output by the ultrasound transducer.